

Amendments to the Claims

This listing of the claims replaces all prior versions and listings of the claims in this application.

1-21. Cancelled.

22. (Currently amended) A method of depleting anti-major histocompatibility complex (anti-MHC) antibodies in a sample, wherein said anti-MHC antibodies are specific for a naturally occurring MHC allele, wherein the method comprises:

- a. contacting the sample with recombinant MHC Class II molecules or recombinant MHC-type Class II molecules, wherein the recombinant MHC or recombinant MHC-type molecules are sufficiently antigenic to be bound by said anti-MHC antibodies in the sample, and wherein the recombinant MHC or recombinant MHC-type molecules comprise a heavy chain HLA monomer, a class II beta-2-microglobulin HLA monomer and a folding peptide; and
- b. removing the bound anti-MHC antibodies from the sample, whereby the sample has been depleted of anti-MHC antibodies.

23. (Previously presented) The method of claim 22, wherein the recombinant MHC or recombinant MHC-type molecules are linked to a solid support.

24. (Previously presented) The method of claim 23, wherein the sample is a serum sample.

25. (Previously presented) The method of claim 24, wherein the anti-MHC antibodies are anti-human leukocyte antigen (anti-HLA) antibodies.

26-29. Cancelled

30-33. Previously cancelled

34. (Previously amended) The method of claim 23, wherein the solid support comprises a support selected from the group consisting of a nitrocellulose strip, a nylon membrane, a nitrocellulose membrane, and polymeric beads.
35. (Previously amended) The method of claim 34, wherein said solid support comprises magnetic beads or non-magnetic beads.
36. (Currently amended) A method of depleting anti-human leukocyte antigens (anti-HLA) antibodies in a sample, wherein said anti-HLA antibodies are specific for a naturally occurring HLA allele, wherein the method comprises:
- a. contacting the sample with recombinant HLA Class II molecules or recombinant HLA-type Class II molecules, wherein the recombinant HLA or recombinant HLA-type-molecules are sufficiently antigenic to be bound by said anti-HLA antibodies in the sample; and wherein the recombinant HLA or recombinant HLA-type-molecules comprise a heavy-chain HLA monomer, a class-II beta-2-microglobulin HLA monomer and a folding peptide; and
 - b. removing the bound anti-HLA antibodies from the sample, whereby the sample has been depleted of anti-HLA antibodies.
37. (Previously presented) The method of claim 36, wherein the recombinant HLA or recombinant HLA-type molecules are linked to a solid support.
- 38-41. Cancelled
- 42-45. Previously cancelled
46. (Previously amended) The method of claim 37, wherein the solid support comprises a support selected from the group consisting of a nitrocellulose strip, a nylon membrane, a nitrocellulose membrane, and polymeric beads.

47. (Previously amended) The method of claim 46, wherein said solid support comprises magnetic beads or non-magnetic beads.